

What is claimed is:

1. A drying apparatus having a front support mounting assembly, the assembly  
2 comprising:

3 a cabinet;

4 a rotatable drum, horizontally installed within said cabinet as a drying chamber for  
5 holding an object to be dried, said rotatable drum having an open end;

6 a front support for rotatably supporting the open end of said rotatable drum; and

7 means for fixing said front support directly to said cabinet.

1. 2. The drying apparatus as claimed in claim 1, wherein said cabinet comprises a  
2 mounting flange for receiving said fixing means.

1. 3. The drying apparatus as claimed in claim 2, said fixing means comprising:

2 a cabinet-fixing flange, formed at a first end, for providing a first mounting surface  
3 for coupling with said mounting flange; and

4 a front support-fixing flange, formed at a second end, for providing a second  
5 mounting surface for coupling with said front support.

1. 4. The drying apparatus as claimed in claim 3, said fixing means further  
2 comprising an extension link, extending from said cabinet-fixing flange to said front support-  
3 fixing flange, for compensating for a mounting offset between the first and second mounting  
4 surfaces.

1       5.     The drying apparatus as claimed in claim 4, wherein said cabinet-fixing  
2     flange and said front support-fixing flange are respectively connected to said extension link to  
3     form predetermined angles.

1       6.     The drying apparatus as claimed in claim 5, wherein the predetermined  
2     angles are complimentary right angles providing a substantially parallel coupling of said front  
3     support with respect to said mounting flange.

1       7.     The drying apparatus as claimed in claim 4, wherein at least one reinforcing  
2     bead is formed on said extension link of said fixing means, for supporting said front support  
3     and reinforcing the coupling of said front support to said mounting flange of said cabinet.

1       8.     The drying apparatus as claimed in claim 4, wherein a plurality of reinforcing  
2     beads are formed on said extension link of said fixing means, to be arranged in rows, for  
3     supporting said front support and reinforcing the coupling of said front support to said  
4     mounting flange of said cabinet.

1       9.     The drying apparatus as claimed in claim 3, said cabinet-fixing flange  
2     comprising a pair of hanging protrusions formed on a rear surface, wherein said mounting  
3     flange of said cabinet has a pair of hanging holes for respectively receiving said hanging  
4     protrusions.

1       10.    The drying apparatus as claimed in claim 9, wherein said pair of hanging  
2     protrusions each have a T-shaped configuration and wherein each of the hanging holes of said

3       mounting flange is formed to have a wide top end and a narrow bottom end, so that the T-  
4       shaped hanging protrusions can be respectively inserted in the top ends to be caught in the  
5       bottom ends.

1           11.       The drying apparatus as claimed in claim 3, said fixing means further  
2       comprising at least one fixing member for fixing said cabinet-fixing flange of said fixing  
3       means to said mounting flange of said cabinet via at least one set of fixing holes respectively  
4       formed in said cabinet-fixing flange and said mounting flange.

1           12.       The drying apparatus as claimed in claim 11, wherein at least one spare set of  
2       fixing holes are respectively formed in said cabinet-fixing flange and said mounting flange,  
3       adjacent the one set of fixing holes, for alternatively receiving the at least one fixing member.

1           13.       The drying apparatus as claimed in claim 3, said front support-fixing flange  
2       comprising a plurality of welding protrusions for being welded to said front support.

1           14.       The drying apparatus as claimed in claim 3, wherein said front support-fixing  
2       flange and said front support are each provided with at least two jig holes for respectively  
3       receiving at least two jig pins to establish a fixing position of said front supporter with respect  
4       to the fixing means.

1           15.       The drying apparatus as claimed in claim 14, said front support-fixing flange  
2       comprising a plurality of welding protrusions for being welded to said front support.

1        16.      The drying apparatus as claimed in claim 2, wherein said fixing means is  
2      provided at a plurality of mounting positions on said mounting flange of said cabinet.

1        17.      The drying apparatus as claimed in claim 2, wherein the plurality of  
2      mounting positions are symmetrically arranged.

1        18.      The drying apparatus as claimed in claim 16, wherein said front support is  
2      provided with four corner flanges.

1        19.      The drying apparatus as claimed in claim 18, wherein the plurality of  
2      mounting positions correspond to the four corner flanges of said front support.